

DERWENT-ACC-NO: 2002-757454

DERWENT-WEEK: 200282

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Golf ball having rf transmitter and receiver thereof

INVENTOR: CHO, Y K; OH, R A

PATENT-ASSIGNEE: CHO Y K[CHOYI] , OH R A[OHRAI]

PRIORITY-DATA: 2000KR-0075905 (December 13, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2002047473 A	June 22, 2002	N/A	001	A63B 043/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2002047473A	N/A	2000KR-0075905	December 13, 2000

INT-CL (IPC): A63B043/00

ABSTRACTED-PUB-NO: KR2002047473A

BASIC-ABSTRACT:

NOVELTY - Provided is a golf ball capable of generating an RF signal having a specified ID number in a golf ball to find the position of the golf ball right away even though the golf ball is lost during a round of golf. Therefore, it permits easy finding of golf balls which have been fallen into sand bunkers areas, rough areas or water hazard areas and reduction of the number of balls lost when playing golf.

DETAILED DESCRIPTION - A **golf ball**(10) contains an RF **transmitter**(12) for generating an RF signal, an electric wire(14) for transmitting the RF signal from the RF **transmitter to a ball** surface and an antenna(16) for transmitting the RF signal of the electric wire, wherein the RF **transmitter comprises a golf ball** ID generator for generating a specified ID signal corresponding to the individual number of the **golf ball**, **an oscillator** for generating the oscillation frequency containing the specified ID number, an amplification for amplifying the oscillated signal, a modulator for modulating the amplified signal to an RF signal, and a power source. An RF receiver(20) comprises an amplification, a signal demodulator, a controller and a signal means for inform to the outside.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: **GOLF** BALL RF TRANSMIT RECEIVE

DERWENT-CLASS: P36

